

Massachusetts Division of Fisheries & Wildlife

Forest Cutting Plan Summary

DCR File Number	235-2807-7
Natural Heritage Atlas	No overlap with Priority or Estimated habitats for rare species
Public Drinking Water Supply	Quabbin
ACEC	No

Site Information:

Property: Phillipston WMA	Town(s): Phillipston
Acres: 30	Road: Williamsville Road
Forest Management Zone: Worcester Plateau	Wildlife District: Central
Ecoregion: Worcester-Monadnock Plateau	Watershed: Chicopee River
Stands Treated: P868	

Harvest Information:

Objectives: To (1) convert mature old-field white pine forest to mixed species forest and (2) establish patches of young forest habitat composed of a mixture of native white pine and hardwoods while retaining clusters and individual mature white pine, black cherry and oak(s), snags and den trees throughout the harvest area that will continue to provide structural diversity, species diversity, mast and other habitat features.

Harvest Start Date: To be Determined 2007-2009)	Harvest End Date: To be Determined (2007-2009)
--	---

Forest Products to be Harvested

Species	Board Foot Volume	Cords Firewood	Tons Pulpwood
White Pine	295 Mbf	-	-
Mixed Hardwood.	-	225	-
Total	295 Mbf	225	-

Site Selection: This old-field white pine was identified as a potential priority site for regeneration during the field reconnaissance aspect of GIS analysis of DFW landcover data. This GIS analysis attempts to identify potential stands that, for a variety of reasons, represent (A) high risk for storm (wind) damage or (B) high priority for conversion to less common habitat types. Mature, predominantly single species, old-field softwood stands fit these criteria.

Silviculture: This seed tree regeneration harvest was designed to establish diverse mixed stands of native hardwood and softwood trees. Regeneration sources include seed that occurs in the soil, seed from adjacent untreated white pine, red oak, and northern hardwood forests, and white pine and hardwood advance regeneration. Retained seed trees include individual and clustered white pine, oaks and black cherry. Snag and den trees were also retained.

Rare Species Considerations: No Priority or Estimated rare species habitat occurs within the harvest area. One vernal pool was located and is mapped between ST-2 and ST-3 (see map); the vernal pool value and function will be protected by an irregular area of surrounding unthinned, mature, forest canopy.

Plan Preparer:

Anne Marie Kittredge
Division of Fisheries & Wildlife
341 East Street
Belchertown, MA 01007
617-851-3577
MA Licensed Forester No. 126

Licensed Timber Harvester:

King Timber Harvesting
15 Ragged Hill Road
Hubbardston, MA 01452
MA Licensed Harvester No. 2007-0128

Best Management Practices:

Stream Crossings: None
Filter Strips: None

Wetland Crossings: None
Harvesting in Wetlands: None

Cutting Standards:

Feature (see map)	Stand 1	Stand 2	Stand 3
Forest Type	White Pine	White Pine	White Pine
Acres	6.5	12	11.5
Landowner Objective	Long Term	Long Term	Long Term
Designation of Trees	Cut	Leave	Leave
Type of Cut	Seed Tree	Seed Tree	Seed Tree
Source of Regeneration	Advanced/Seed	Advanced/Seed	Advanced/Seed

Determination of Status:

This Forest Cutting Plan was approved by DCR on December, 20, 2006. Harvesting activities have not yet begun.

Phillipston Timber Harvest

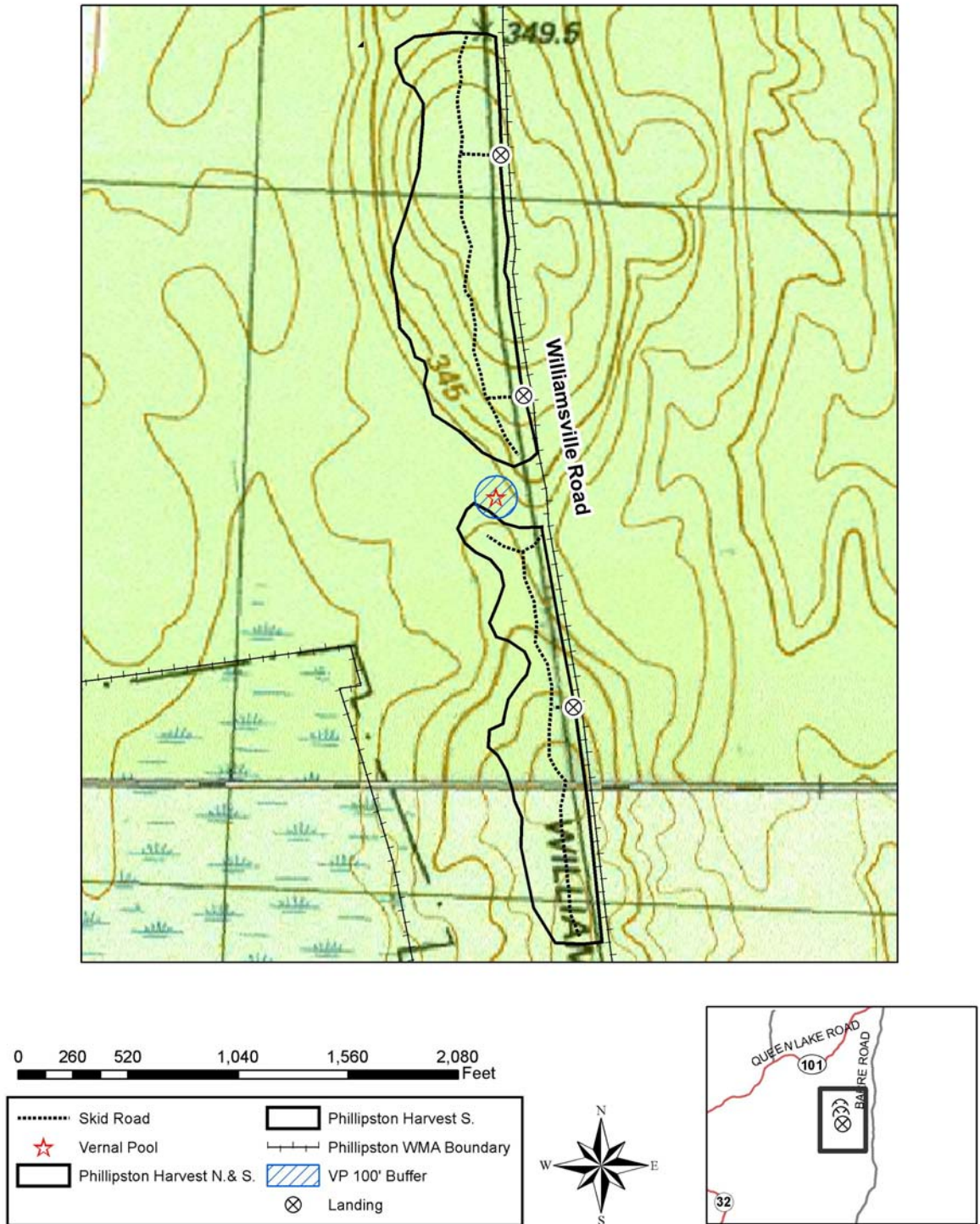
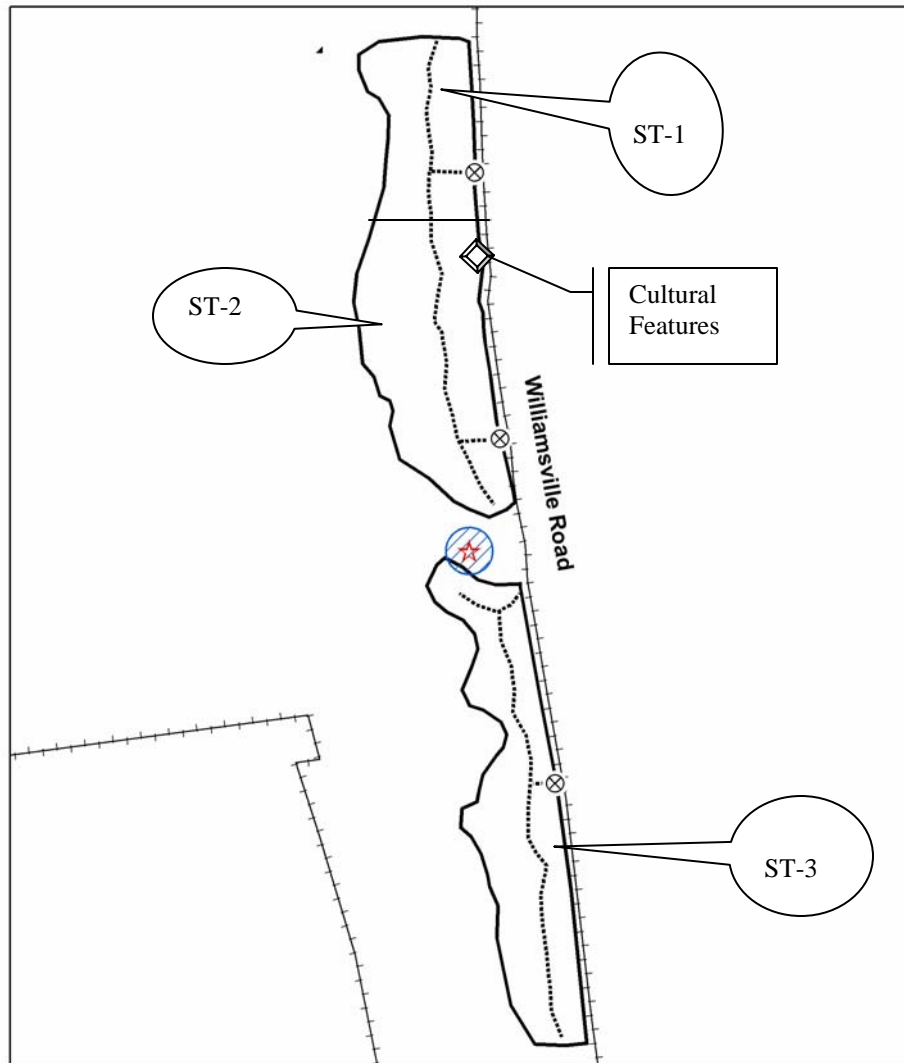
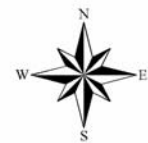


Figure 1. Locus map: CE-PH-TS-1 on Phillipston WMA

Phillipston Timber Harvest



0 255 510 1,020 1,530 2,040 Feet





MassWildlife Photo by Anne Marie Kittredge

May 2007 – Old field white pine and low quality red maple marked for harvest in Stand 1 (ST-1) at the Phillipston WMA. Note unmarked white pine retention with cavity in the middle of the photo. Retained trees enhance wildlife habitat and provide structural diversity.